

TARNOK, Ivan, dr.; SZABO, Istvan, dr.; CZANIK, Pal, dr.

Use of domestic hemoglobin contaminated by albumin in culture media
for M. tuberculosis. Tuberkulosis 14 no.8:252-254 Ag '61.

1. Az Országos "Koranyi" Tbc Intézet (Igazgató: Bossormenyi Miklós dr.
kandidátus, tudományos vezető: Földes István dr. kandidátus) Diagnosztikai
Laboratóriumának (Vezető: Szabo István dr. kandidátus) közleménye.

(MYCOBACTERIUM TUBERCULOSIS culture)
(HEMOGLOBIN)

KERTAY, Nandor, dr.; TARNOK, Ivan, dr.; FODOR, ~~Tamas~~, dr.

The effect of desoxyribonucleic acid on tuberculosis in guinea pigs following percutaneous infection. Tuberkulozis 16 no.1:23-25 Ja '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus; tudomznyi vezeto: Foldes Istvan dr. kandidatus) Mikrobiologiai osztalyanak (vezeto: Kertay Nandor dr. kandidatus) es Diagnosztikai Laboratoriumanak (vezeto: Szabo Istvan dr. kandidatus) kozlemenye.

(DNA)

(TUBERCULOSIS, PULMONARY)

FODOR, Tamas, dr.; TARNOK, Ivan, dr.; CZANIK, Pal, dr.

Sources of error in the determination of drug resistance of tuberculosis bacteria. Tuberkulozis 16 no.9:260-263 S '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyis igazgato: Foldes Istvan dr. kandidatus) Mikrobiologiai osztalyanak (vezeto: Kertay Nandor [deceased] dr. kandidatus) es Diagnosztikai Laboratoriumanak (vezeto: Szabo Istvan dr.) kozlemenye.
(MYCOBACTERIUM TUBERCULOSIS)
(DRUG RESISTANCE, MICROBIAL)
(ISONIAZID) (STREPTOMYCIN)
(AMINOSALICYLIC ACID)

TAMNOK, I.

Serological activity of mycobacterial desoxyribonucleic acid preparations. I. Effect of purification and heating on the complement fixation by desoxyribonucleic acid. Acta microbiol. acad. sci. Hung. 11 no.1:7-17 '64.

1. National Institute for Tuberculosis "Koranyi" (Scientific director: I. Foldes), Budapest.

DEMENY, Eva, dr.; TARNOK, Ivan, dr.

Tuberculin registry of the child population as reflected in
the results of prevaccination screenings. Gyermekgyógyászat
15 no.4:113-119 Ap'64

1. Az Országos Koranyi Tbc Intezet (Igazgató főorvos:
Boszormenyi, Miklós, dr. kand.; tudományos igazgató: Foldes,
István, dr. kand.) közleménye.

*

TARNOKI, P.

Magyar Textiltechnika - No. 4, Apr. 1955.

Drawing apparatus in the flax industry. p. 156.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

TARNCKY, F.

TARNCKY, F. Warping and smoothing of linen yarn. p. 330.

No. 10, Oct. 1955.

MAGYAR TEXTILTECHNIKA.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

TARNOKY, Ferenc

Situation of the Spanish textile industry. Magyar textil 13 no.6:256-257
Je '61.

1. Textilipari Kutató Intézet, és "Magyar Textiltechnika" szerkesztő
bizottsági tagja.

ZILAHY, Marton, dr.; TARNOKY, Ferenc

Research achievements of the Soviet Union's bast fiber industry. Magyar Textil 13 no.4:142-149 Ap '61.

1. Textilipari Kutató Intézet, Budapest, és "Magyar Textiltechnika" szerkesztő bizottsági tagjai.

TARNOKY, Ferenc

Manufacturing mixed jute yarns. Magyar textil 13 no.7:283-287 J1 '61.

1. Textilipari Kutato Intezet, es "Magyar Textiltechnika" szerkeszto bizottsagi tagja.

TARNOKY, Ferenc

Up-to-date achievements and further possibilities of automation in the flax-hemp weaving industry. Magyar textil 15 no.2:59-63 F '63.

1. Textilipari Kutato Intezet; "Magyar Textiltechnika" szerkeszto bizottsagi tagja.

TARNOKY, Ferenc

Application of electric heddle lamellas in flax weaving mills.
Magy textil 15 no.7:299-300 JI '63.

1. Textilipari Kutato Intezet; "Magyar Textiltechnika" szerkeszto
bizottsagi tagja.

TARNOKY, Ferenc

The 4th Hannover International Fair of Textile Machinery.
Műsz. let. 18 no.25:6 5 D '63.

TARNOKY, Ferenc

The 4th International Exhibition of Textile Machines, Hannover,
1963. Magy textil 16 no.1:44-46 Ja'64.

1. Textilipari Kutato Intezet; "Magyar Textiltechnika" szer-
keszto bizottsagi tagja.

ZILAHY, Marton, dr.; TARNOKY, Ferenc

Questions relating to the automation of flax and hemp
weaving mills. Magy textil 16 no. 2:55-62 F '64.

1. Textilipari Kutató Intézet; "Magyar Textiltechnika"
szerkesztő bizottsági tagja.

TARNOKY, Ferenc

Is there any manpower shortage in the light industry? *Magy*
textil 17 no.1:45-46 Ja '65.

1. Editorial Board Member, "Magyar Textiltechnika."

TARNOKY, Ferenc

Stretch of bast fiber yarns. Magy textil 17 no.2:60-63 F '65.

1. Research Institute of the Textile Industry, Budapest, and
Editorial Board Member, "Magyar Textiltechnika."

TARNOKY, Ferenc

Impressions and experiences obtained in a study tour of the United States in the spring 1964. Magyar textil 17 no.4:186-187 Ap '65.

1. Editorial Board Member, "Magyar Textiltechnika."

TARNOKY, Klara; KOVACS, Gabor

Complexometric determination of calcium and magnesium. Kiserletes
Orvostudomány 11 no.4:440-443 August 1959.

1. Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikája.
(CALCIUM, urine)
(MAGNESIUM, urine)

TARNOKY, Klara; KOVACS, Gabor

A simple method for the determination of serum albumin level.
Kiserletes Orvostud. 12 no.5:499-501 O '60.

1. Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikája.
(SERUM ALBUMIN pharmacol)

TARNOKY, Klara

Effect of heparin and protamine sulfate on the thymol turbidity reaction. Kiserletes orvostud. 13 no.4:400-406 Ag '61.

1. Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikája.

(HEPARIN pharmacol) (PROTAMINES pharmacol)
(LIVER FUNCTION TESTS)

TARNOKY, Klara

Effect of heparin and protamine on fibrinogen precipitation. Kiserl.
orvostud. 13 no.6:633-640 D '61.

1. Szegedi Orvostudományi Egyetem I sz. Sebészeti Klinikája.

(FIBRINOGEN) (HEPARIN pharmacol)
(PROTAMINES pharmacol)

HUNGARY

TARNOKY, Klara, NAGY, Sandor; Medical University of Szeged, I, Surgical Clinic and Institute for Surgical Technique (Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinika és Sebészeti Műtettani Intézet).

"Determination of Glycogen by Means of o-Toluidine."

Budapest, Kiserletes Orvostudomány, Vol XV, No 3, June 1963, pp 313-318.

Abstract: [Authors' Hungarian summary] A method is described for the determination of the glycogen content of tissues. After trichloroacetic acid extraction, precipitation in alcohol and sulfuric acid hydrolysis, o-toluidine is added and the color determined photometrically. The method is simple, reliable and sensitive. 2 Hungarian, 12 Western references.

NAGY, Sandor; TARNOKY, Klara; PETRI, Gabor

Effect of a water-soluble corticosteroid-analogue in experimental hemorrhagic shock. Kiserl. orvostud. 15 no.6:649-657 D '63.

1. Szegedi Orvostudományi Egyetem Sebészeti Műtettani Intézet
és I sz. Sebészeti Klinikája.

(SHOCK, HEMORRHAGIC)
(ADRENAL CORTEX HORMONES)
(PHARMACOLOGY)

BOGOS, Mihaly, Dr. IARMEKY, Alota, Dr. VEPESZVEY, Csaba, Dr. RAK, Kolman,
Dr. Medical University of Szeged, I. Surgical Clinic, II. Surgical Clinic,
and I. Medical Clinic (Szegedi Orvostudományi Szeged, I. Sebészeti
Klinika, II. Sebészeti Klinika és I. Belklinikája).

Budapest, Orvosi Hetilap, Vol. 104, No. 11, 17 Mar 1963, pages 503-511.

2/7

NAGY, S.; TARNOKY, Klara; TANOS, B.; PETRI, G.

Fluid, protein and cell shifts after haemorrhage in corticosteroid- and noradrenaline-treated dogs. Acta physiol. Acad. sci. Hung. 25 no.3:265-275 '64

1. Institute of Experimental and Operative Surgery and First Department of Surgery, University Medical School, Szeged.

NAGY, S.; TARNOKY, Klara; PETRI, G.

Cardiac output of bled dogs after intravenous administration of corticosteroids. Acta physiol. acad. sci. Hung. 27 no.3:257-264 '65.

1. Institute of Experimental Surgery and First Department of Surgery, University Medical School, Szeged.

L 15463-66

ACC NR: AT6007418

SOURCE CODE: HU/2505/65/026/00X/0034/0034

AUTHOR: Tarnoky, Klara; Nagy, S.; Petri, G.

20

B+1

ORG: I. Department of Surgery, Institute of Experimental and Operative Surgery,
Medical University of Szeged (Szegedi Orvostudományi Egyetem, Kísérleti Sebészeti
és Mutettani Intézet, és I. Sebészeti Tanszék)

TITLE: Effect of corticosteroids on cardiac output and vascular resistance in
dogs following blood loss [This paper was presented at the 29th Meeting of the
Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement,
1965, 34

TOPIC TAGS: corticosteroid, circulatory system, dog, blood pressure, animal
physiology, pharmacology, drug effect

ABSTRACT: In order to explain some earlier
findings, according to which the administration of a steroid in the oligemic
phase of hemorrhagic shock was followed by a significant rise in blood
pressure, the changes in cardiac output and peripheral vascular resistance
brought about by the drug have been studied in the present experiments.

Card 1/2

L 15463-66

ACC NR: AT6007418

Dogs under light anesthesia were bled by the "reservoir technique". Following the hemorrhage, the cardiac output dropped significantly and the peripheral resistance increased. A group of 14 dogs was then treated with a placebo, another group of 15 dogs with a water-soluble corticoid analogue, and a third group of 11 dogs with aldosterone. The cardiac output increased in the second group and remained virtually unchanged in the other two groups. Following re-infusion of the blood lost, the cardiac output increased and peripheral resistance decreased in all three groups. [JPRS]

SUB CODE: 06 / SUBM DATE: none

28
Card 2/2

L 13506-66

ACC NR: AP6007040

SOURCE CODE: HU/0018/65/017/003/0258/0262

AUTHOR: Nagy, Sandor--Nad', Sh.; Tarnoky, Klara--Tarnoki, K.; Petri, Gabor 15

ORG: Medical University of Szeged, Institute of Surgical Technique and I. Surgical Clinic (Szegedi Orvostudományi Egyetem, Sebészeti Mutettani Intézet es I. sz. Sebészeti Klinika) B

TITLE: Minute volume and circulatory resistance of dogs suffering from loss of blood following intravenous injection of corticosteroids

SOURCE: Kiserletes orvostudomány, v. 17, no. 3, 1965, 258-262

TOPIC TAGS: endocrinology, hormone, animal physiology, dog, cardiovascular system, corticoid, corticosteroid

ABSTRACT: Under light nembutal anesthesia, 40 dogs were bled by the reservoir technique. The average final loss of blood was 43.1 ml/kg. As compared to the initial value, the minute volume dropped considerably after the loss of blood and the peripheral resistance increased. At this stage, 1 group (14 dogs) was given a placebo (10 ml of 5 per cent glucose), another group (15 dogs) was given a water soluble corticoid analogue (15 ml/kg) and a third group (11 dogs) received aldosterone (300 µg/kg). An increase in the minute volume was observed in the second group without any

Card 1/2

2

L 13506-66

ACC NR: AP6007040

significant change in the other two groups. Following re-infusion of the withdrawn blood, the minute volume increased in every group and the peripheral resistance dropped. The authors thank the Pharmaceutical Factories for making the Steroid available and also Koszo Rozsa and Mader Maria for technical assistance. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Jul64 / ORIG REF: 003 / OTH REF: 019

Card 2/2 *DR*

NAGY, S.; TARNOKY, Klara; PETRI, G.

Adjustment of the circulation to haemorrhage in dogs during sympathetic nervous blockade. Acta physiol. acad, sci. Hung. 28 no.4:379-387 '65.

1. Institute of Experimental Surgery and First Department of Surgery, University Medical School, Szeged. Submitted December 30, 1964.

L 28997-66

SOURCE CODE: HU/2505/65/027/003/0257/0264

ACC NR: AT6019378

AUTHOR: Nagy, Sandor; Tarnoky, Klara; Petri, Gabor

ORG: Institute of Experimental Surgery and I. Surgical Clinic, Medical University

of Szeged (Szegedi Orvostudományi Egyetem, Sebészeti Műtettani Intézet és I. sz. Sebészeti Klinika)

TITLE: Cardiac output of hemorrhaged dogs after intravenous administration of corticosteroids. This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged on 2 July 1964.

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 3, 1965, 257-264

TOPIC TAGS: drug effect, corticosteroids, blood circulation, dog

ABSTRACT: Forty dogs under superficial pentobarbital anesthesia were bled by the "reservoir technique". The mean bleeding volume at the end of the bleeding was 43.1 ml/kg. Following the bleeding, cardiac output fell considerably as compared to the initial value and peripheral resistance increased. At this time,

one group of 14 dogs received a placebo (10 ml 5 per cent glucose), another group of 15 dogs received a water-soluble corticoid analogue (15 ml/kg), and a third group consisting of 11 dogs were given aldosterone (300 µg/kg).

A rise in cardiac output was observed in the second group; no significant change in cardiac output was noted in the other two groups. After re-infusion of the blood, cardiac output rose and peripheral resistance decreased in every group. The water-soluble was supplied by Richter Pharmaceutical Works, Budapest. The authors thank Miss Rozsa Koszo and Miss Maria Mader for skillful technical assistance. Orig. art. has: 4 tables. /Orig. art. in Eng. /JPRS/

SUB CODE: 06 / SUBM DATE: 08 Jul 64 / ORIG REF: 002 / OTH REF: 019

Card 1/1

BLG

L 30058-66

ACC NR: AT6020342

SOURCE CODE: HU/2505/65/028/004/0379/0387

AUTHOR: Nagy, Sandor; Tarnoky, Klara; Petri, Gabor

ORG: First Department of Surgery, Institute of Experimental Surgery, University Medical School, Szeged (Orvostudományi Egyetem Sebészeti Műtettani Intézet és I. sz. Sebészeti Klinikája)

TITLE: Adjustment of circulation to hemorrhage in dogs during sympathetic nervous blockade

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 4, 1965, 379-387

TOPIC TAGS: dog, autonomic nervous system

ABSTRACT: Phenoxybenzamine-induced sympathetic nervous blockade in dogs was associated with diminished resting cardiac output, increased arterio-venous oxygen difference and smaller bleeding volumes at a given blood pressure. Mean circulatory hematocrit before bleeding was lower in the blocked animals and no significant decrease in the F-cell factor was observed after bleeding. Sympathetic activity is beneficial in the acute stage of rapid hemorrhage. The authors thank Dow Corning Center for Aid to Medical Research, Midland, Mich., U.S.A. for supplying the silicon rubber catheter, Smith, Kline and French Laboratories, Welwyn, Garden City, Herts, England for phenoxygenzamine, Miss Rózsa Kőszö and Miss Mária Mader for technical assistance. Orig. art. has: 6 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 30Dec64 / ORIG REF: 003 / OTH REF: 017

Card 1/1 20

TARNOPOL'SKAYA, A. M.

Tarnopol'skaya, A. M. "Treatment of chronic periodontitis," Trudy Kamansk. gos. stomatol. in-ta, Issue 2, 1949, p. 219-226, - Bibliog; 19 items

SO: U-5240, 17 Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

CA

Context of sugar and lactic acid in saliva of children with healthy and multiple-carious teeth. S. I. Vais and G. M. Lutsunskaya (Kazan Med. Stomatol. Inst.). *Stomatologiya* 1981, No. 1, 25-7. Children with multiple-carious teeth show in their saliva (taken before meals) a level of sugar and lactic acid that is 3 times that shown by children without caries. Individual variations are large. G. M. Kondapoff

TARNOPOL'SKAYA, R. V.

"On the Tomsk City Sanitary-Epidemiological Laboratory in epidemiological work,"
was a report given at an interblast scientific-practical conference on problems
of laboratory diagnosis of infectious diseases was held at the Tomsk Scientific
Research Institute of Vaccines and Sera, 12-16 March 1956.

SUM: 1360 p 237

CHIBUKMAKHER, N.B., prof., TARNOPOL'SKAYA, L.A., SIROTINA, Ye.I.

The work of the Khar'kov Neurosurgical Society and minutes of sessions
in 1957. Vopr.neirokhir. 22 no.4:60-62 JI-Ag '58 (MIRA 11:9)
(KHAR'KOV--NEUROLOGY--SOCIETIES)

CHIBUKMAKHER, N.B., prof.; SIROTINA, Ye.I.; TARNOPOL'SKAYA, L.A.

Report on activities of the Kharkov Neurosurgical Society and
minutes of meetings for 1958. Vop.neirokhir. 23 no.6:48-51 N-D
'59. (MIRA 13:4)

(KHARKOV--NEUROSURGICAL SOCIETIES)

TARNOPOL'SKAYA, M. M.

25826 Tarnopol'skaya, M. M. Pishchevaya Intorsikatsiya Svintson. Gigena
I Sanitariya, 1948, No. 7, S. 48-50

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

TARNOPOL'SKAYA, M.M.

Method of analysis of temporary loss of working capacity. Sov.
zdav. 13 no.4:24-27 J1-Ag '54. (MIRA 7:9)

1. Iz Khar'kovskogo instituta gigiyeny truda i professional'nykh
zabolevaniy (dir. dotsent I.I.Semernin)
(WORK
capacity, statist. technics in analysis of disability)

December 28, 2002 CIA-RDP86-00513R001755020001-0
TARNOPOL'SKAYA, M.M.

TARNOPOL'SKAYA, M.M.; OSETINSKIY, T.G.

Effect of cement dust on the respiratory organs. Sov.med. 21 no.8:
90-94 Ag '57. (MIRA 10:12)

1. Iz Ukrainskogo tsentral'nogo instituta gigiyeny truda i profes-
sional'nykh zabolevaniy (dir. - dotsent I.I.Semernin)
(PNEUMOCONIOSES, etiol. & pathogen.
inhalation of cement dust (Rus))

TARNOPOL'SKAYA, M.H.; KANGELARI, S.S.; BAGHOVA, S.M. (Khar'kov)

Role of prophylactic ultraviolet radiation in reducing the
incidence of colds affecting the upper respiratory tract.
Gig.truda i prof.zab. 3 no.4:46-47 J1-Ag '59. (MIRA 12:11)

1. Ukrainskiy institut gigiyeny truda i profzabolevaniy.
(ULTRAVIOLET RAYS--THERAPEUTIC USE)
(COLD (DISEASE))

KHAZAN, G.L.; TARNOPOL'SKAYA, M.M.; BATYRENKO, R.I.; GOCHAROVA, N.N.;
YEREMENKO, S.V.; KANGELARI, S.S.; KUTEPOV, V.N. (Khar'kov)

Influence of the microclimate of the plant and of industrial
labor on the incidence of respiratory diseases among machinery
industry workers. Vrach.delo no.2:199 # '60. (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda
i professional'nykh zabolevaniy.

(MACHINERY INDUSTRY--HYGIENIC ASPECTS)
(RESPIRATORY ORGANS--DISEASES)

NAVROTSKIY, V.K.; TARNOPOL'SKAYA, M.M.; KONGELARI, S.S.;
NIKOLAYEVA, N.M.

State of the general immunobiological reactivity of the body
and morbidity among foundry workers. Vest. AMN SSSR 18 no.2:
32-41 '63. (MIRA 17:7)

1. Ukrainskiy institut usovershenstvovaniya vrachey i Ukrainskiy
institut gigiyeny truda i profzabolevaniy, Khar'kov.

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755020001-0"

APPROVED FOR RELEASE: Thursday, September 26, 2002

TARNOPOL'SKAYA, P. D. Dr. Med. Sci.

Dissertation: "X-Raying in Clinical Treatment of Colon Diseases." Acad. Med.
Sci. USSR, 26 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

TARLOPOL'SHAYA, T. D.

Lbr., Moscow, Nutrition Clinic, Nutrition Inst., Dept. Hygiene, Microbiology & Epidemiology, Acad. Med. Sci., -61749-. "Benign Tumors of the Stomach and Their Malignancy," Sov. Med., No. 6, 1949.

TARNOPOL'SKAYA, P. D.

28015. LEONT'EV, I. F. -- Yadovitoye deystviye plazmy rakovykh bol'nykh na semena rasteniy. Priroda, 1949, No. 8, S. 58-59. TARNOPOL'SKAYA, P. D. Differentsial'naya diagnostika yazvy i raka zheludka. -- SM. 27939.

SO: Letopis' Zhurnal'nykh Statey. Vol. 37, 1949.

APPROVED FOR RELEASE: Thursday, September 26, 2002
TARNOPOL'SKAYA, P. D.

CIA-RDP86-00513R001755020001-0
CIA-RDP86-00513R001755020001-0"

27939. TARNOPOL'SKAYA, P. D.-- Differentsial'naya diagnostika yazvy i raka zheludka.
Trudy XIII vsesoyuz. S'yezda terapevtov. L., 1949, S. 145-49.

80: Letopis' Zhurnal'nykh Statey. Vol. 37, 1949.

TARNOPOL'SKAYA, P.D., doktor meditsinskikh nauk

Differential diagnosis of benign from cancerous ulcers of the stomach by the penicillin test. Sov.med. 19 no.2:36-40 F '55.

(MLRA 8:5)

1. Iz kliniki lechebnogo pitaniya (dir. prof. F.K.Men'shikov) Instituta pitaniya Akademii meditsinskikh nauk SSSR (dir. chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. O.P.Molchanova).

(STOMACH, neoplasms,

differ. diag. of benign from malignant ulcers, penicillin test)

(PEPTIC ULCER, pathology,

malignant degen., differ. diag. of malignant from benign ulcers, penicillin test)

(PENICILLIN,

test in differ. diag. of malignant from benign ulcers of stomach)

**TARNOPOL'SKAYA, P.D., doktor meditsinskikh nauk (Moskva, Mozhayskoye
shosse, d.52/70, 8-y pod'yезд, kv.4)**

**Differentiation of malignant and benign infiltrations of the gastro-
intestinal tract [with summary in English] Vop.onk. 2 no.2:156-159
'56. (MIRA 10:3)**

**1. Iz kliniki lechebnogo pitaniya (dir. - prof. F.K.Men'shikov)
Instituta pitaniya AMN SSSR (dir. - chlen-korrespondent AMN SSSR
prof. O.P.Molchanova)**

**(GASTROINTESTINAL SYSTEM, neoplasms
malignant & benign, differ. diag.)**

BERLIN, L.B. [deceased], TARNOPOL'SKAYA, P.D., ALIYEVA, V.I., BEYUL, Ye.A.
YEKISENINA, N.I., KORCHEMKINA, K.M., PARAMONOVA, E.G. (Moskva).

Effect of diets with different protein content on the course of
hypertension [with summary in English]. Vop.pit. 17 no.5:19-26
S-O '58 (MIRA 11:10)

1. Iz kliniki lechebnogo pitaniya (sav. prof. F.K. Men'shikov)
Instituta pitaniya AMN SSSR, Moskva.

(HYPERTENSION, ther.

diat. eff. of protein content (Rus))

(PROTEINS,

dietary, eff. of protein content on hypertension (Rus))

(DIET, in various dis.

hypertension, eff. of protein content (Rus))

1 TARNOPOL'SKAYA, P.D.
GORDON, G.L.; MAKOVA, G.F.; OLENEVA, V.A.; TARNOPOL'SKAYA, P.D. (Moskva)

Role of penicillin in the combined therapy of peptic ulcer. Klin.
med. 36 no.2:22-26 'P '58. (MIRA 11:4)

1. Iz otdela lechebnogo pitaniya (zav. - prof. F.K.Men'shikov)
Instituta pitaniya AMN SSSR (dir. - chlen-korrespondent AMN SSSR
prof. O.P.Molchanova)

(PENICILLIN, ther. use
peptic ulcer, adjuvant in combined ther. (Rus))
(PEPTIC ULCER, ther.)

TARNOPOL'SKAYA, P.D.; KORCHENKINA, Ye.M.

Roentgenokymographic studies on functional disorders of the heart in hypertension during low-salt diet therapy. Zhur.ob. biol. 20 no.2:35-40 Mr-Ap '59. (MIRA 12:5)

1. Iz kliniki lechebnogo pitaniya (zav. - prof. F.K.Men'shikov)
Instituta pitaniya AMN SSSR.

(DIETS, in var. dis.

low-salt, in hypertension, eff. on roentgenokymography (Rus))

(HYPERTENSION, ther.

low-salt diet, eff. on roentgenokymography (Rus))

(KYMOGRAPHY,

roentgenokymography in low-salt diet ther. of hypertension (Rus))

YEKISENINA, N.I.; TARNOPOL'SKAYA, P.D.

Use of acidophilic milk in combined therapy for patients with
chronic colitis. Vop. pit. 19 no. 6:40-44 N-D '60.

(MIRA 13:10)

1. Iz kafedry lechebnogo pitaniya (zav. - prof. F.K. Men'shikov)
TSentral'nogo instituta usovershenstvovaniya vrachey i Kliniki
lechebnogo pitaniya (zav. - doktor meditsinskikh nauk L.M. Levitskiy)
Instituta pitaniya AMN SSSR, Mbskva.
(MILK, ACIDOPHILUS) (COLITIS)

TARNOPOL'SKAYA, P.D.; ALIYEVA, V.I.

X-ray control of the effectiveness of antibiotic therapy in
postinfection colitis. Kaz. med. zhur. no.1:23-24 Ja-F '62.

(MIRA 15:3)

1. Klinika lechebnogo pitaniya Instituta pitaniya AMN SSSR
(direktor - chlen-korrespondent AMN SSSR prof. A.P. Molchanova).

(ANTIBIOTICS)

(COLITIS)

(X RAYS--THERAPEUTIC USE)

TARNOPOL'SKAYA, P.D., doktor med. nauk; BAKHADYROV, K.B., aspirant

Comparison of the intensity of excretion of some intestinal enzymes with the motor activity of the intestines in chronic enteritis and enterocolitis. Med. zhur. Uz b. no.9:15-19 S 162.
(MIRA 17:2)

1. Iz kliniki lechebnogo pitaniya (zav. - doktor med. nauk L.M. Levitskiy) Instituta pitaniya AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. A.A. Pokrovskiy).

BREMENER, S.M.; VELIKOVSKAYA, M.M.; ZUYEVA, Z.V.; LANINA, N.V.;
TARNOPOL'SKAYA, P.D.

Use of vitamin B₆ and B₁₂ in compound treatment of stomach
and duodenal ulcer. Vest. AMN SSSR 18 no.2:85-87 '63.

1. Nauchno-issledovatel'skiy institut vitaminologii Ministerstva
zdravookhraneniya SSSR. (MIRA 17:5)

TARNOPOL'SKAYA, P.D. (Moskva, G-151, Kutuzovskiy pr., d.24, kv.135)

Roentgenological picture of intestinal motility in patients following extensive resection of the small intestine. Vest. rent. 1 rad. 38 no.1:24-30 Ja-F'63. (MIRA 16:10)

1. Iz kliniki lechebnogo pitaniya (dir. - doktor med. nauk L.M.Levitskiy) Instituta pitaniya (dir. - chlen-korrespondent AMN SSSR prof. A.P.Molchanova) AMN SSSR.

*

ACC NR: -AP6034760

SOURCE CODE: UR/0020/66/170/005/1140/1142

AUTHOR: Tarnopol'skaya, R. A.; Gul'ko, N. V.

ORG: Ukrainian Institute of Refractories (Ukrainskiy institut ogneporov)

TITLE: Structure of the strontium oxide-zirconium dioxide system

SOURCE: AN SSSR. Doklady, v. 170, no. 5, 1966, 1140-1142

TOPIC TAGS: high temperature ceramic material, oxide ceramic, strontium oxide, zirconium dioxide, zirconate, phase diagram, refractory compound, *strontium compound, zirconium compound*

ABSTRACT: The SrO-ZrO_2 system has been restudied to check the existence of the previously reported Sr_2ZrO_4 compound and to plot the phase diagram of the system. The study is of interest for the technology of ceramics and refractories. Microscopic, x-ray, and chemical analyses of the annealed samples of various SrO:ZrO_2 compositions confirmed the existence of two compounds within the system, one of them SrZrO_3 . The sample of a composition corresponding to Sr_2ZrO_4 was found to contain $\text{Sr}_5\text{Zr}_3\text{O}_{11}$ and free SrO . The newly detected $\text{Sr}_5\text{Zr}_3\text{O}_{11}$ was synthesized from the oxides at 1300—1500C and SrZrO_3 was formed at 1200—1400C. The compound $\text{Sr}_5\text{Zr}_3\text{O}_{11}$ melts incongruently at ~2200C yielding SrZrO_3 . Physical properties of $\text{Sr}_5\text{Zr}_3\text{O}_{11}$ were determined. The experimental fusibility data of various SrO:ZrO_2 compositions differed substantially with the earlier data of H. Wartenberg and H. Werth (Zs. anorg. u allgem. chem., 190, 178 (1930)). An approximate phase diagram

Card 1/2

UDC: 541.123.2

ACC NR: AP6034760

of the SrO-ZrO_2 system was established which exhibits two eutectic points: 2100C and 2270C which correspond approximately to 80% SrO and 26% SrO, respectively. Formation of solid solutions in the system was not observed. The paper was presented by Academician N. V. Belov, 1 Feb 66. Orig. art. has: 2 tables and 1 figure.

SUB CODE: // 07/ SUBM DATE: 31Jan66/ ORIG REF: 001/ OTH REF: 003/

ACC NR: AF6034572 SOURCE CODE: UN/0020/00/170/0006/1380/1382

AUTHOR: Tarnopol'skaya, R. A.; Gul'ko, N. V.

ORG: Ukrainian Scientific Research Institute of Refractories, Kharkov (Ukrainskiy nauchno-issledovatel'skiy institut ogneporov)

TITLE: Subsolidus structure and fusibility curve of the $\text{SrO-Al}_2\text{O}_3\text{-ZrO}_2$ system

SOURCE: AN SSSR. Doklady, v. 170, no. 6, 1966, 1380-1382

TOPIC TAGS: strontium compound, aluminum oxide, zirconium compound, phase diagram, refractory

ABSTRACT: The subsolidus structure of the $\text{SrO-Al}_2\text{O}_3\text{-ZrO}_2$ system was studied by microscopic and x-ray methods on sintered samples at 1600-2000°C. The triangulation of the system was performed and is shown in Fig. 1. Judging from the lack of change in the optical and x-ray constants of the compounds formed, no appreciable concentrations of ternary solid solutions are formed in the system. Fig. 1 also shows the fusibility curve of the system. The most fusible eutectic is located close to the eutectic of the binary system $\text{Sr}_3\text{Al}_2\text{O}_6\text{-SrAl}_2\text{O}_4$ and melts at about 1500°C. It was found that the $\text{SrO-Al}_2\text{O}_3\text{-ZrO}_2$ system contains a broad range of compositions suitable for the preparation of refractories with service temperatures up to 1600°. The x-ray analysis was performed by S. V. Lysak. The paper was presented by Academician Bolov, N. V., 17

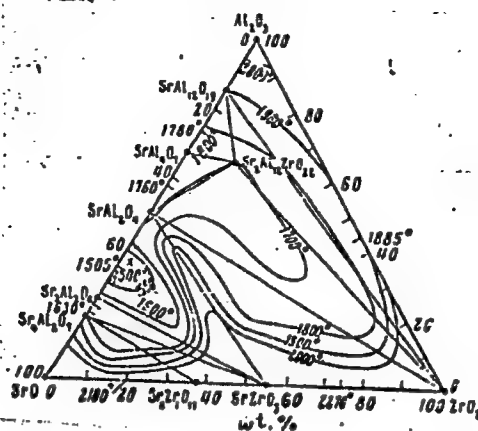
Card 1/2

UDC: 541.123.3

ACC NR: AP6034572

Feb 66. Orig. art. has: 3 figures and 1 table.

Fig. 1



SUB CODE: 07/ SUBM DATE: 25Jan66/ ORIG REF: 003/ OTH REF: 008

TARNOPOL'SKIY, A.A., inzh.; SHKLOVSKIY, Ye.I., inzh.; TYULENEV, S.D.,
inzh.; GUREVICH, E.I., inzh.; RABINOVICH, S.Yu., inzh.;
DRYAPACHENKO, B.G., inzh.; SMORODA, I.M., inzh.

Investigation of deformations in the jacket of blast furnaces
during their erection by protrusion. Prom. stroi. 42 no. 6:
9-12 '65. (MIRA 18:12)

RODOV, S.M., insh.; TARNOPOL'SKIY, A.A., insh.; SHKLOVSKIY, Ye.I.,
insh.

Experimental determination of weight of bridge cranes
using resistance indicators. Prom.stroi. 38 no.4:51-53
'60. (MIRA 13:8)

(Cranes, derricks, etc.)

TARNOPOL'SKIY, A.A., inzh.; TYULENEV, S.D., inzh.; SHKLCVSKIY, Ye.I., inzh.

Full-scale testing of crane-truss steel elements with 48 m. spans.
Prom. stroi. 42 no.10:21-24 0 '64. (MIRA 17411)

1 HRNOPOL'SKIY, A.G.

KUCHEROV, N.V.

X(7)

b v

PHASE I BOOK EXPLOITATION NOV/1979

Leningrad. Glavnye geofizicheskaya observatoriya

Voprosy fiziki prizemnogo sloya vozdukh (Problems in the Physics of the Near-Surface Air Layer) Leningrad, Gidrometocentral, 1956, 168 p. (Series: 111, Trudy, 77) 1,500 copies printed.

Sponsoring Agency: USSR. Glavnye upravleniya gidrometeorologicheskoy sluzhby

Ed. (title page): D.L. Leykhtman, Doctor of Physical and Mathematical Sciences; Ed. (inside book): Yu.V. Vlasova; Tech. Ed.: A.N. Sereyev

PURPOSE: This collection of articles is intended for scientists interested in the processes that take place in the boundary layer of the atmosphere.

COVERAGE: This publication contains 13 articles dealing with the physical processes of near-surface air masses. The research work was done in 1956. The basic work is related to the formation of haze/fog and to the effect of the condensation processes on thermal conditions. Some articles deal with the methods for measuring and computing the main meteorologic features of the near surface Card 1/4 air masses, others with the problem of atmospheric turbulence. The articles are illustrated with charts, diagrams, and tables.

Sharygin, V.A. The Relation Between the Barotropic Pressure Fields and the Wind Distribution in a Boundary Layer 65

Turnopol'skiy, A.G. Common Determination of the Nature of Meteorologic Elements and of the Specific Quantitative Features in a Atmospheric Boundary Layer 78

Tsypkin, G.M. Certain Methods for Determining the Coefficient of Horizontal Turbulent Diffusion 76

Serbakov, I.G., V.V. S'yedukhin, and N.V. Serova. Results of the Measurement of Specific Thermodynamic Properties of Soil Under Natural Conditions 79

Gordin, L.S., and R.B. Seleznevich. The Distribution of Industrial Smoke 84

Card 3/3

TARNOPOL'SKIY, A.G.

Simultaneous determination of profiles of meteorological elements
and quantitative characteristics of turbulence in the boundary layer
of the atmosphere. Trudy GGO no.77:72-75 '58. (MIRA 12:4)
(Atmospheric turbulence) (Meteorology)

TARNOPOL'SKIY, A.G.

A squall of extreme violence. Meteor. i gidrol. no. 7:35-36 J1 '61.
(MIRA 14:6)

(Kudymkar region--Storms)

ANDRUSON, M.V., kand.med.nauk; TARNOPOL'SKIY, A.I., kand.med. nauk

Expediency of training Filatov's graft by means of pressing one of its pedicles; brief report. Trudy Ukr. nauch.-issl. inst. ortop. i travm. no. 15:85-87 '59. (MIRA 16:12)

1. Iz Ukrainського nauchno-issledovatel'skogo instituta ortopedii i travmatologii imeni prof. M.I.Sitenko (dir.-chlen korrespondent AMN SSSR, prof. N.P.Novachenko).

TARNOPOL'SKIY, A.M. (g. Stalino, Donbass, ul. Kabozeva, 4-y dom Oblispolkoma,
kv.3.)

Primary lymphosarcoma of the ileocecal region [with summary in English]
Vop. onk. 3 no.1:99-100 '57 (MLRA 10:4)

1. Iz kliniki fakul'tetskoy khirurgii (sav.-prof. K.T. Ovnatanyan)
na baze oblastnoy klinicheskoy bol'nitsy im. K.Ye. Voroshilova
(glavnyy vrach-M.I. Lyutaya), gor, Stalino.

(LYMPHOSARCOMA, case reports

COLON ileocecal region in 14-year-old boy)

(COLON, neoplasms

lymphosarcoma of ileocecal region in 14-year-old boy)

(ILEUM, neoplasms

same)

TARNOPOL'SKIY, A.M. (Donetsk, bul'var Pushkina, d.l. kv.3)

Tracheostomy in respiratory insufficiency. Nov. khir. arkh. no.12:
32-36 D '61. (MIRA 14:12)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. K.T. Ovnatanyan)
Donetskogo meditsinskogo instituta.
(TRACHEA--SURGERY)

TARNOPOL'SKIY, A.M.

Surgical complications in lymphogranulomatosis of the small intestine. Khirurgiia 39 no.6:117-122 Je '63. (MIRA 17:5)

1. Iz kliniki fabrik'tsetnyy khirurgii (zav. -- prof. K.T. Ovnatanyan)
Donetskogo meditsinskogo instituta imeni A.M. Gor'kogo na baze
Donetskoy oblastnoy klinicheskoy bol'nitsy imeni M.I. Kalinina
(glavnyy vrach V.F. Zubko).

OVNATANYAN, K.T., prof.; TARNOPOL'SKIY, A.M.

Some heterotopic formations in the gastrointestinal tract.
Azerb.med.zhur. 40 no.1:37-41 Ja '63. (MIRA 16:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof.
K.T. Ovnatanyan) Donetskogo meditsinskogo instituta imeni
A.M. Gor'kogo (rektor - doktor med.nauk A.M. Ganichkin) na
baze oblastnoy khlinicheskoy bol'nitsy imeni M.I. Kalinina
(glavnyy vrach - V.F. Zubko).
(ALIMENTARY CANAL—ABNORMALITIES AND DEFORMITIES)

TARNOPOL'SKIY, A.M.

Some characteristics of the clinical course of sarcomas of the small intestine. Azerb. med. zhur. 40 no.5:17-23 My '63. (MIRA 17:9)

1. Iz fakul'tatskoy khirurgicheskoy kliniki Donetskogo meditsinskogo instituta na baze Donetskoy oblastnoy bol'nitsy imeni Kalinina.

OVNATANYAN, K.T., zasluhenryy deyatel' nauki, prof.: TARNOPOL'SKIY, A.M.

Tumors of the small intestine. Klin. khir. no.1:26-33 '65.
(MIRA 18:2)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - prof. K.T.
Ovnatanyan) Dnetskogo meditsinskogo instituta imeni Gor'kogo.

GAFANOVICH, A.A., kand.tekhn.nauk; TARNOPOL'SKIY, B.L., inzh.

Applying the Kross method for calculating the strength of
wheels. Sel'khoz mashina no.7:28-30 J1 '57. (MIRA 11:1)
(Wheels)

S/2910/63/003/01-/0129/0137

ACCESSION NR: AT4041503

AUTHOR: Ivanova, A. V., Ivanova, A. N., Prikhozhenko, A. I., Pyatetskiy-Shapiro, I. I., Tarnopol'skiy, B. I.

TITLE: Calculation of the electron shells of some atoms by the Hartree - Fock method

SOURCE: AN LSSR. Litovskiy fizicheskiy sbornik, v. 3, no. 1-2, 1963, 129-137

TOPIC TAGS: quantum mechanics, electron shell, Hartree Fock method, electron configuration, computer programming, single configuration approximation, field theory, boundary value problem, iteration procedure, lithium atom, nitrogen ion, photoionization

ABSTRACT: A program for computer solution of the classical Hartree-Fock, self-consistent field equations was written, using the single-configuration approximation and neglecting the influence of the ionizing electron. For a discrete spectrum the method centers around the iteration solution of the following type of equation:

$$\frac{d^2y}{dr^2} + V(r)y + \int G(r, r')y(r')dr' = \epsilon y \quad (1)$$

ACCESSION NR: AT4041503

where

$$y(0), y(\infty) = 0,$$

(2)

$$\int_0^\infty y^2(r) dr = 1.$$

for the eigen values ξ . Helfond's method, as described by O. V. Lokutsiyevskiy (Uspekhi Matem. Nauk, XI, 3, (69), 224, 1956), is used for solution of the boundary value problem. The iteration procedure starts with $y^0(0) = 0$, and solves for $y^{(1)}(r)$ and ξ^1 , after which the integral portion of the equation is computed. From this a correction factor for the eigen value is obtained. A special iteration process is used for computation of $y_1(r, \xi)$ and $y_2(r, \xi)$ to obtain a convergent solution and prevent computer saturation. Four auxiliary subprograms are used and can be adapted to solutions for any state. The control program must be rewritten for each system separately. A similar program is used for continuous spectrum solutions. A separate subprogram is used to check the formation of the maxima of the normalization function for the continuous case. The program was used to compute wave functions of L_1 which are given in a table. The continuous spectrum wave functions were then used to compute the cross-sections of photoionization of the N^{+4} ion. Both ground and excited states are listed. Orig. art. has: 37 equations and 2 tables.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR, Moscow (Institute of Chemical Physics, AN SSSR)

Card 2/3

ACCESSION NR: AT4041503

SUBMITTED: 00

ENCL: 00

SUB CODE: GP,DP

NO REF SOV: 001

OTHER: 001

Card 3/3

TARNOPOL'SKIY, B.L.; ANDRIANOV, V.I.

Programming of some structural problems on a large electronic computer.
Zhur.strukt.khim. 4 no.3:433-444 My-Je '63. (MIRA 16:6)

1. Filial Instituta khimicheskoy fiziki AN SSSR.
(Programming (Electronic computers)) (Crystallography)

TARNOPOL'SKIY, B.L.

Automation of the basic calculations of structural analysis connected
with calculation of arbitrary symmetry groups. Zhur.strukt.khim.
4 no.6:892-901 N-D '63. (MIRA 17:4)

1. Filial Instituta khimicheskoy fiziki AN SSSR.

TARNOPOL'SKIY, D.M.

Manual training in workshops for the fifth, sixth, and seventh
grades. Politekh.obuch. no.11:39-51 N '58. (MIRA 11:12)

1. Srednyaya shkola No.96 g. Kiyeva.
(Manual training).

Bristle, hair and brush industry Moskva, Gos. izd-vo lez. oi prom. shl., 1941. 13 p.
(Uchebniki i uchebnye posobiia dlia shkol FZU) (51-45159)

TS2301.B9T3

ZATONSKIY, A.S.; TARNOPOL'SKIY, G.M.; LARIONENKO, H.A.; OSTROUMOV, A.V.;
ZAKHAR'YANTS, V.M.; YAKOVLEV, G.P.; LOBANOV, T.P.; KUZNETSOV, P.T.;
MERKULOV, A.I.

Maximum satisfaction of the needs of the population is the most important duty of communication workers. Vest. aviatsi 14 no. 2:23-25 F '54.
(MLRA 7:5)

1. Nachal'nik otdela pochtovoy svyazi (for Zatenskiy).
2. Nachal'nik otdela vnutrirayonnoy svyazi (for Tarnopol'skiy).
3. Zamestitel' nachal'nika telefonno-telegrafnogo otdela (Larionenko).
4. Nachal'nik telegrafa (for Ostroumov).
5. Nachal'nik pechtanta (for Zakhar'yants).
6. Nachal'nik meshdugorednoy telefonnoy stantsii (for Yakovlev).
7. Glavnyy inzhener oblastnogo upravleniya svyazi (for Lobanov).
8. Zamestitel' nachal'nika oblastnogo upravleniya svyazi (Kuznetsov).
9. Nachal'nik oblastnogo upravleniya svyazi (for Merkulov).
(Telecommunication)

TARNOPOL'SKIY, I.A. (L'vov)

**Form for casting dies in making crowns. Stomatologiya 37 no.5:
74-75 8-0 '58 (MIRA 11:11)
(DENTISTRY---METALLURGY)**

TARNOPOL'SKIY, I.A.

Some modifications of the plaster method of determining
central occlusion of toothless jaws. Stomatologiya 43 no.1:
100 Ja-F'64 (MIRA 17:4)

1. Meditsinskoye uchilishche No.2 (dir. M.T. Aleksandrova)
L'vov.

TARNOPOL'SKIY, I.M. [Tarnopol's'kiy, I.M.]

Double-ply nonwoven textile fabrics. Lsh.prom. no.2:19 Ap-Je '65.
(MIRA 18:10)

MOGILEVSKIY, G.F., inzh.; TARNOPOL'SKIY, M.D., inzh.

Construction of the covering of the machine room of a
thermal electric power plant. Elek. sta. 35 no.5:28-32 My '64.
(MIRA 17:8)

1-24802-66 EWT(1)/EWP(m)/EWA(d)/EWA(l)
ACC NR: AP6014992 SOURCE CODE: UR/0170/66/010/005/0628/0631

AUTHOR: Tarnopol'skiy, M. D.; Khromushin, G. I.

ORG: None

TITLE: On the parameters of two-dimensional separated flows

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 5, 1966, 628-631

TOPIC TAGS: supersonic aerodynamics, compressible flow, turbulent mixing, turbulent flow, separated flow, boundary layer, boundary layer thickness

ABSTRACT: The results of computer computations of the parameters of an incompressible gas flow in a self-similar turbulent mixing region after its separation from a solid surface are presented. A solution is obtained for the complete equation of a two-dimensional turbulent compressible gas flow in the Tollmien formulation for the whole mixing region at $i_0 = \text{const.}$ (stagnation enthalpy) and $Pr_t = 1$. Two different sets of boundary conditions are considered. A dimensionless velocity profile at the separating streamline which corresponds to the mass flow rate G_s for an open stagnation region is determined, also the angular size of the region. The effect of the boundary layer momentum thickness δ^{**} of the initial boundary layer on the parameters of the retarded flow is determined and analyzed. By assuming the similarity of a jet flow beginning at a certain coordinate x/δ^{**} , a formula is derived for evaluating the effect considered here. Orig. art. has: 2 figures and 7 formulas. [AB]

SUB CODE: 20/ SUBM DATE: 23Nov65/ ORIG REF: 003/ OTH REF: 001/ ATD Press: 4250
Card 1/1 UDC: 532/503.2

L 44301-66 EWT(1)/EWP(π)

ACC NR: AP6018907. SOURCE CODE: UR/0170/66/010/006/0718/0722

AUTHOR: Tarnopol' skiy, M. D. ; Golikov, Ye. S.

ORG: none

TITLE: Problem of determining the bottom pressure for the step in a broken flow

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 6, 1966, 718-722

TOPIC TAGS: gas flow, compressible flow, boundary layer flow

ABSTRACT: The step in a flat-parallel compressible gas flow has been determined according to the Korst scheme (H. H. Korst, Journ. of Appl. Mech. 23, No. 4, 1956) under boundary conditions of Tollmien and Dem' yanov-Shmanenkov. The value of the bottom pressure for the given M and α appears to be higher under the Dem' yanov-Shmanenkov boundary conditions. The effect of the initial boundary layer.

L 4730 -66

ACC NR: AP6018097

the conditions of attachment of a broken flow, and injection into a stagnant region have been taken into account. Under the Korst-Chapman scheme, there is a limit to the increase in the rate of gas flow from a bottom region. Orig. art. has: 4 figures and 6 formulas. [Based on authors' abstract] [NT]

SUB CODE: 20/ SUBM DATE: 05Feb66/ ORIG REF: 001/ OTH REF: 002/

Card

2/2 JLR

ARINSHTYN, B.N.; TARNOPOL'SKIY, R.R.

[Short prescription manual with elements of Latin grammar; an aid for medical personnel and for young doctors] Kratkii spravochnik po retsepture s elementami latinskoj gramoty; v pomoshch' sredne-my medpersonalu i nachinaishchim vracham. Tomsk, Izd-vo tomskogo universiteta, 1957. 187 p.
(MIRA 11:9)
(PRESCRIPTION WRITING)

SOV/140 58..1-17/21

AUTHOR: Tarnopol'skiy, V.G. (Krivoy Rog)

TITLE: On a Property of the Space of Sequences (Ob odnom svoystve prostranstva posledovatel'nostey)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy Ministerstva vysshego obrazovaniya SSSR, Matematika, 1958, Nr 1, pp 158 - 160 (USSR)

ABSTRACT: Let s be the space of all real numerical sequences with convergence in the single coordinates. Every linear functional f defined in s has the form

$$f_x = \sum_{k=1}^N f_k x_k, \text{ where } N \text{ depends on } f. \text{ Every}$$

functional f given in s can consequently be identified with the sequence $(f_1, f_2, \dots, f_N, 0, 0, \dots)$. In this sense the conjugate space \bar{s} is understood as a subset of s . The scalar product $f \cdot x$ has a sense in the space s , where $x \in s$ and $f \in \bar{s}$. Let M be a set in s . The set P of all functionals $f \in \bar{s}$ which are orthogonal to all $x \in M$ is called the orthogonal complement of M .

On a Property of the Space of Sequences

SOV, 140-58-1-17/21

Theorem : Let $x^{(1)}, x^{(2)}, \dots, x^{(n)}$ be n elements of s . If their linear envelope contains no functionals, then the orthogonal complement of the envelope is everywhere dense in s .

There are 2 Soviet references.

ASSOCIATION: Krivorozhskiy pedagogicheskiy institut (Krivoy Rog Pedagogical Institute)

SUBMITTED: October 9, 1957

16(1)

AUTHOR:

Tarnopol'skiy, V.G.

SOV/140-59-2-24/30

TITLE:

On Jacobian Matrices (O Matritsakh Yakobi)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959,
Nr 2, pp 233-243 (USSR)

ABSTRACT:

The author considers a Jacobian matrix J with the elements a_{ik}
 $a_{ik} = 0$ for $k < i-1$, $a_{ik} = c_{i-1}$ for $k = i-1$, $a_{ik} = a_i$ for $k = i$,
 $a_{ik} = b_i$ for $k = i+1$, $a_{ik} = 0$ for $k > i+1$. Let D_i be the i -th

principal minor of J , $a_1' = a_1$, $a_i' = \frac{D_i}{D_{i-1}}$ for $i > 1$.

Theorem: If all principal minors of J are different from zero,
then there holds the relation $SJ = T$, where

SOV/140-59-2-24/30

On Jacobian Matrices

$$S = \begin{vmatrix} 1 & & & \\ \lambda_1 & 1 & & \\ \lambda_1 \lambda_2 & \lambda_2 & 1 & \\ \vdots & \vdots & \vdots & \ddots \\ \prod_{m=1}^{i-1} \lambda_m & \prod_{m=2}^{i-1} \lambda_m & \dots & 1 \end{vmatrix}, \quad \lambda_i = -\frac{c_i}{a_i}; \quad T = \begin{vmatrix} a'_1 & b_1 & & \\ & a'_2 & b_2 & \\ & & a'_3 & b_3 \\ \vdots & \vdots & \vdots & \ddots \end{vmatrix}$$

Theorem: If all principal minors of the Jacobian matrix J are different from zero and the series

$$\gamma_i = \frac{1}{a'_i} + \sum_{p=1}^{\infty} \frac{v_i v_{i+1} \dots v_{i+p-1}}{a'_{i+p}},$$

where $v_i = \lambda_i \mu_i$, $\lambda_i = -\frac{c_i}{a_i}$, $\mu_i = -\frac{b_i}{a'_i}$, converges, then there

exists the matrix J^{-1} :

Card 2/3

On Jacobian Matrices

$$\begin{array}{c}
 \begin{array}{ccc}
 \delta_1 & \mu_1 \delta_1 & \mu_1 \mu_2 \delta_1 \\
 \lambda_1 \delta_1 & \delta_2 & \mu_2 \delta_2 \\
 \lambda_1 \lambda_2 \delta_1 & \lambda_2 \delta_2 & \delta_3 \\
 \vdots & \vdots & \vdots \\
 \delta_1 \prod_{m=1}^{i-1} \lambda_m & \delta_2 \prod_{m=2}^{i-1} \lambda_m & \vdots \\
 \vdots & \vdots & \vdots
 \end{array}
 \end{array}
 \begin{array}{c}
 \text{SOV/140-59-2-24/30} \\
 \dots \delta_i \prod_{m=1}^{k-i} \mu_m \dots \\
 \dots \delta_2 \prod_{m=2}^{k-1} \mu_m \dots \\
 \dots \delta_3 \prod_{m=3}^{k-i} \mu_m \dots \\
 \dots \delta_k
 \end{array}$$

There are 2 Soviet references.

ASSOCIATION: Krivorozhskiy pedagogicheskiy institut (Krivoy Rog Pedagogical Institute)

SUBMITTED: March 27, 1958

Card 3/3

SOV/21-59-11-4/27

16(

AUTHOR: Tarnopol's'kyi, V.G.

TITLE: On the Self-Conjugation of Difference Operators With
Operator Coefficients

PERIODICAL: Dopovidi Akademiyi nauk Ukrayins'koyi RSR, 1959,
Nr 11, pp 1189 - 1192 (USSR)

ABSTRACT: The author examines the difference operator resulting
from a difference expression $L[u]_j = A_{j-1} u_{j-1} +$

$B_j u_j + A_j u_{j+1}$, where u is a sequence of elements
of Hilbert's space H , and A_j, B_j are bounded, self-

Card 1/2 conjugating operators in H . Certain conditions suf-

✓

SOV/21-59-11-4/27

On the Self-Conjugation of Difference Operators With Operator Coefficients

ficient for the self-conjugation of the difference operator are obtained in two theorems, which constitute a generalization of the corresponding theorems of the classical moment problem [Ref 17], of the matrix moment problem [Ref 2], and partially of the theory of equations in partial differences [Ref 3]. Gratitude is expressed to Yu.M. Berezans'kyi for his contribution. There are 5 references, 4 of which are Soviet and 1 English.

ASSOCIATION: Kyyivs'kyi pedagogichnyy instytut imeni O.M. Hor'koho (Kiyev Pedagogical Institute imeni A.M. Gor'kiy)
SUBMITTED: By B.V. Hnyedenko, Member, AS UkrSSR
March 16, 1959

Card 2/2

